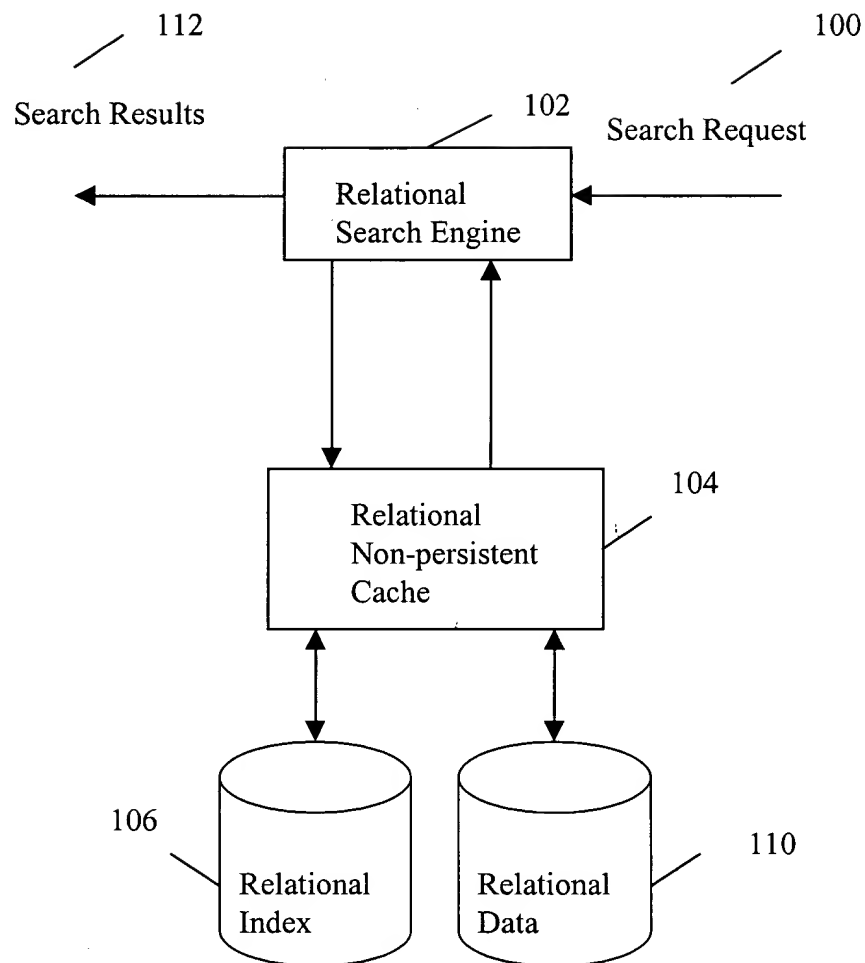


|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

FIG. 1



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

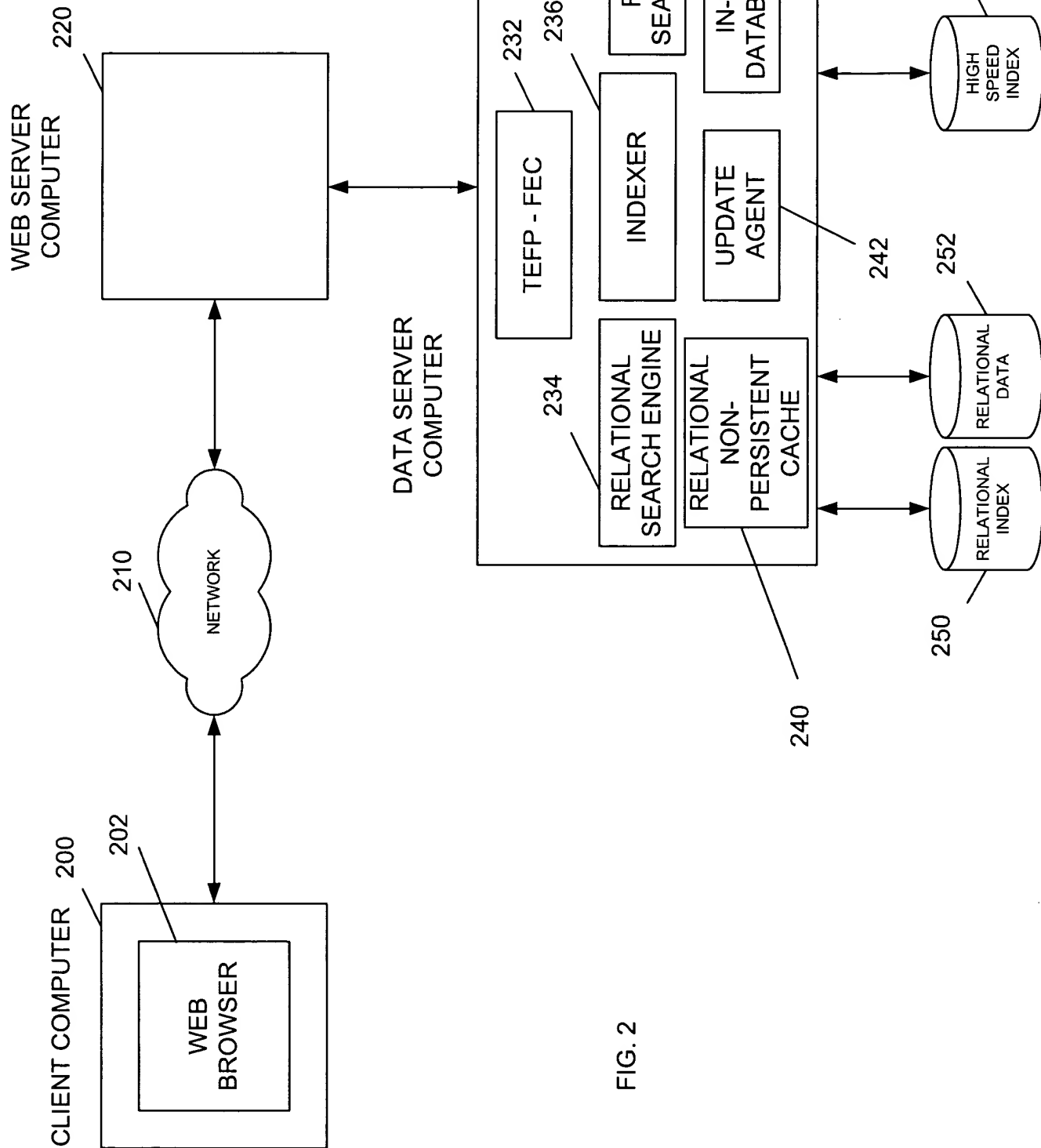
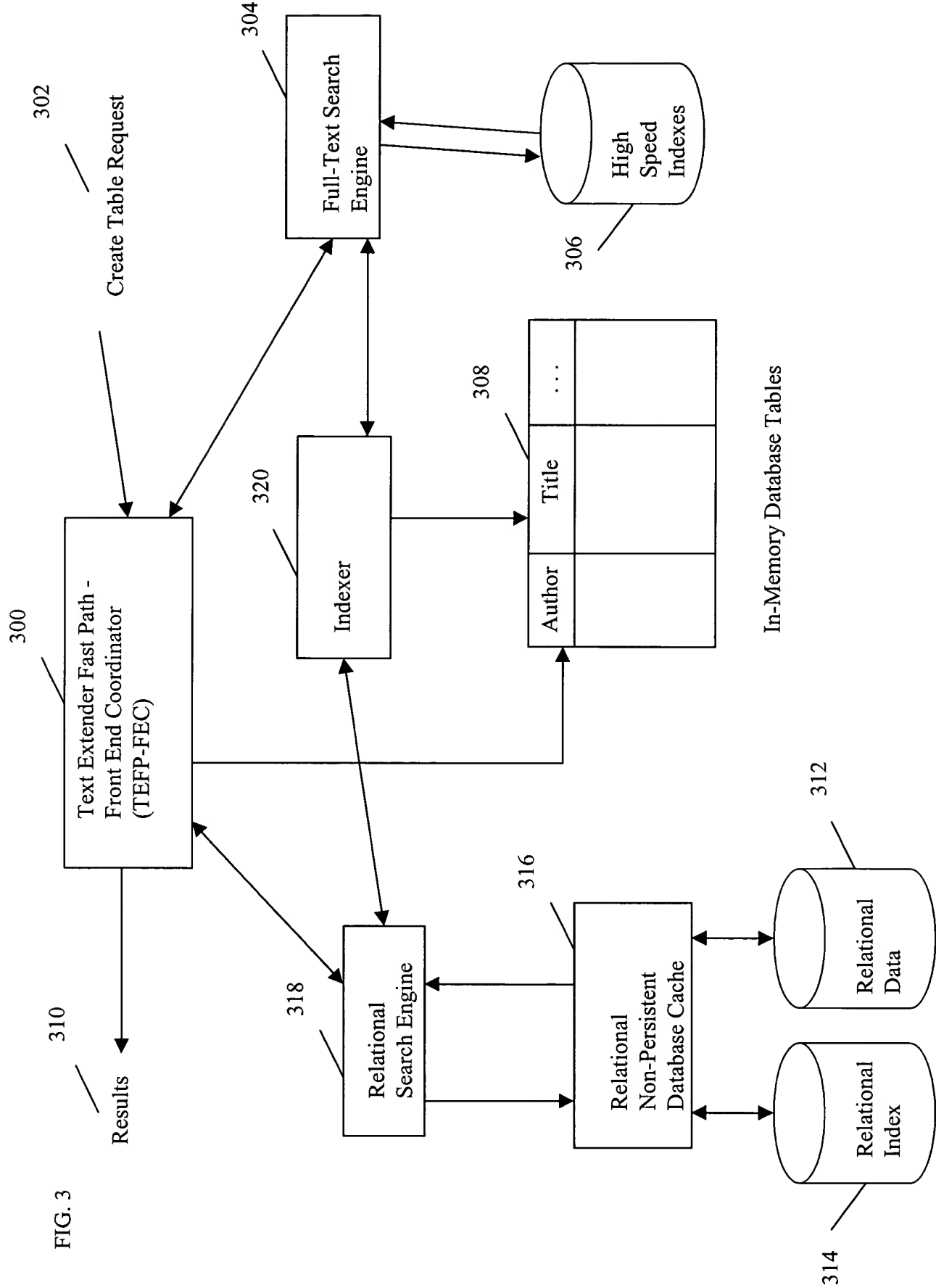


FIG. 2

FIG. 3



|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

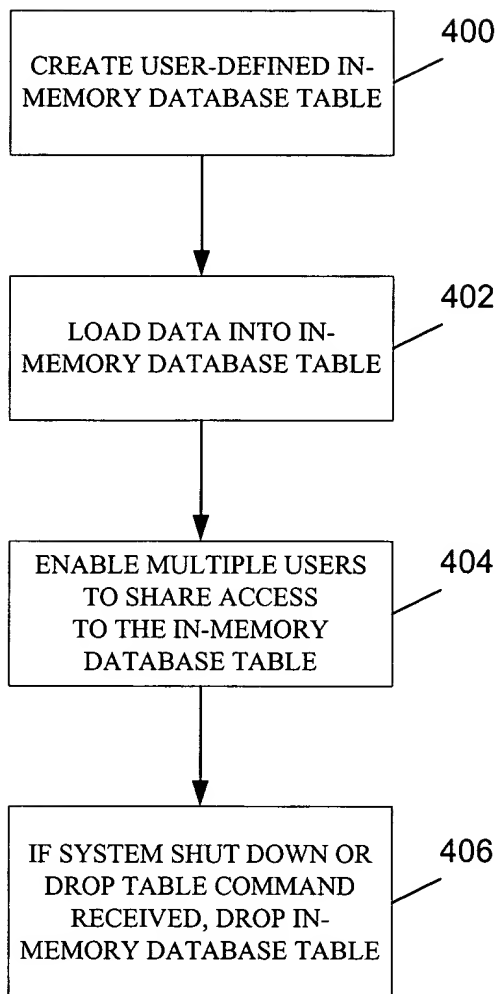


FIG. 4

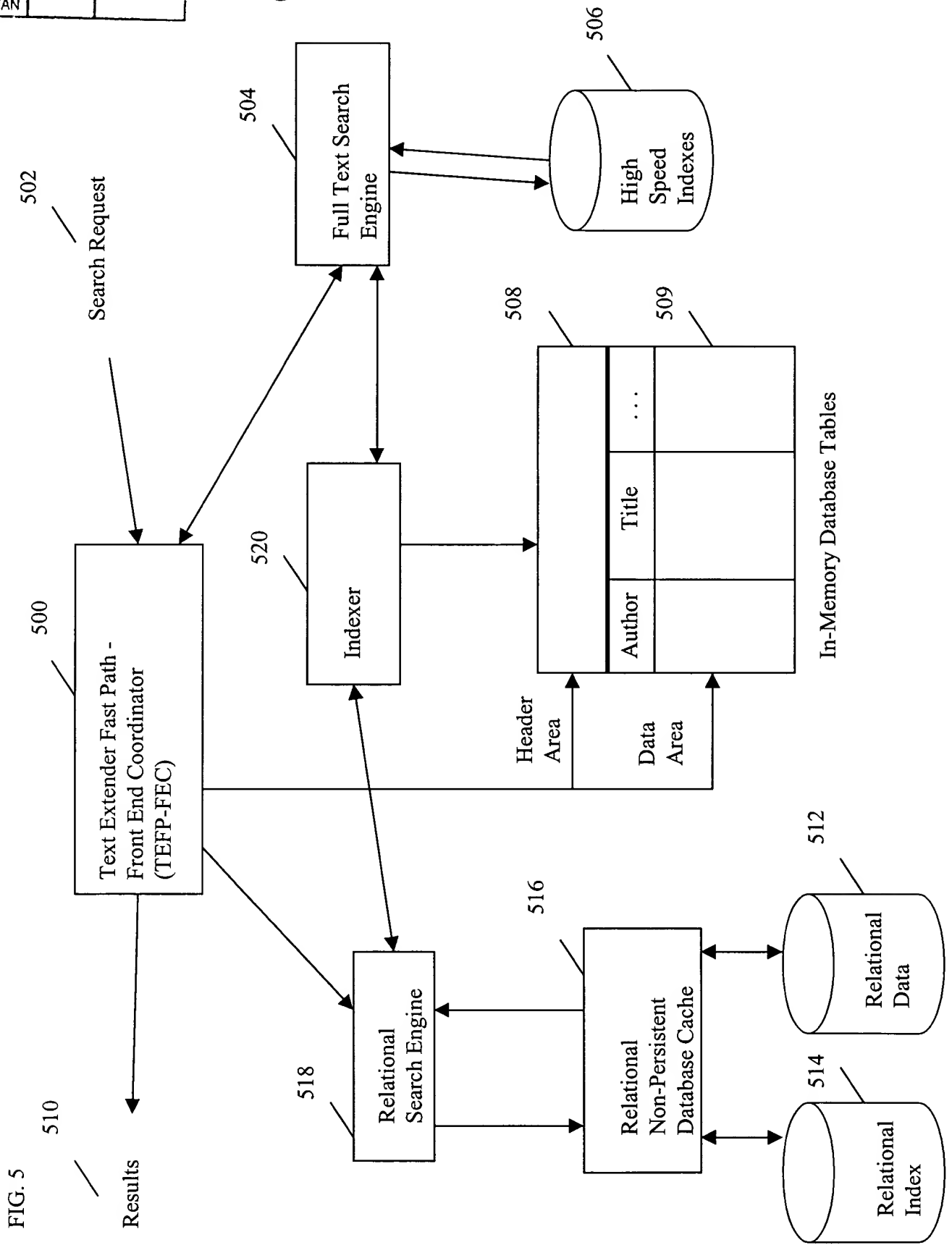


FIG. 5

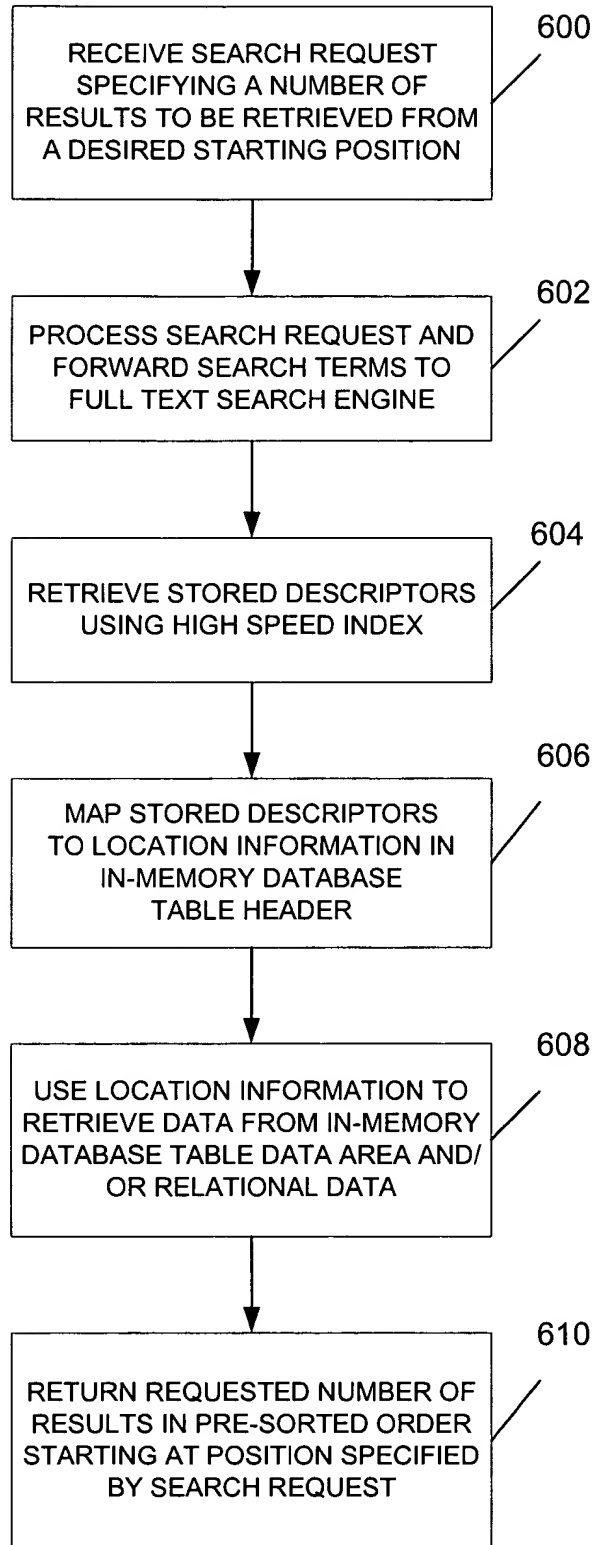
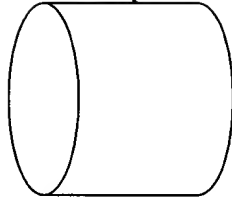


FIG. 6

High Speed Index



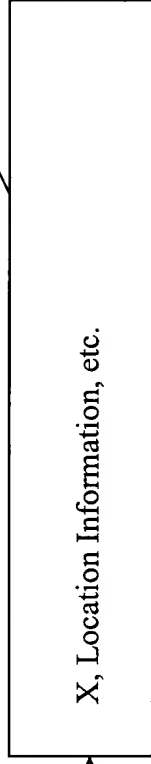
Header Area

Stored Descriptors

702

FIG. 7

In-Memory Database Table

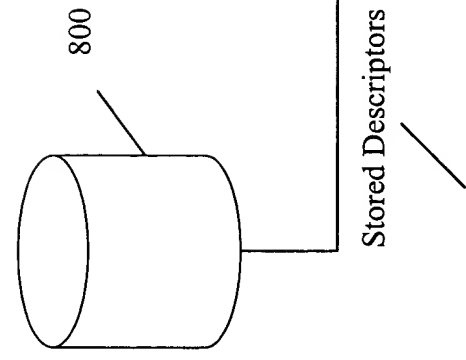


706

| Author | Title | ... |
|--------|-------|-----|
|        |       |     |
|        |       |     |
|        |       |     |

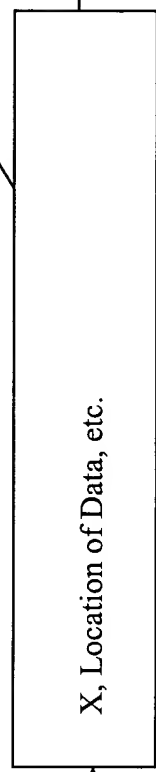
Data Area

High Speed Index

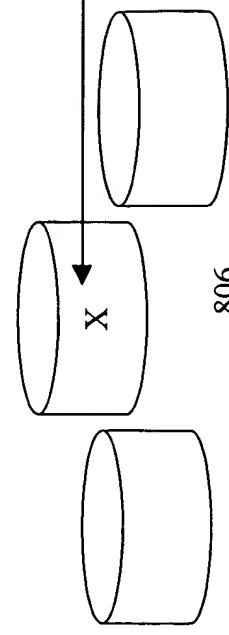


Header Area

In-Memory Database Table



Data Area



Traditional Data Store

FIG. 8



|           |         |          |
|-----------|---------|----------|
| APPROVED  | O.G. F. |          |
| BY        | CLASS   | SUBCLASS |
| DRAFTSMAN |         |          |

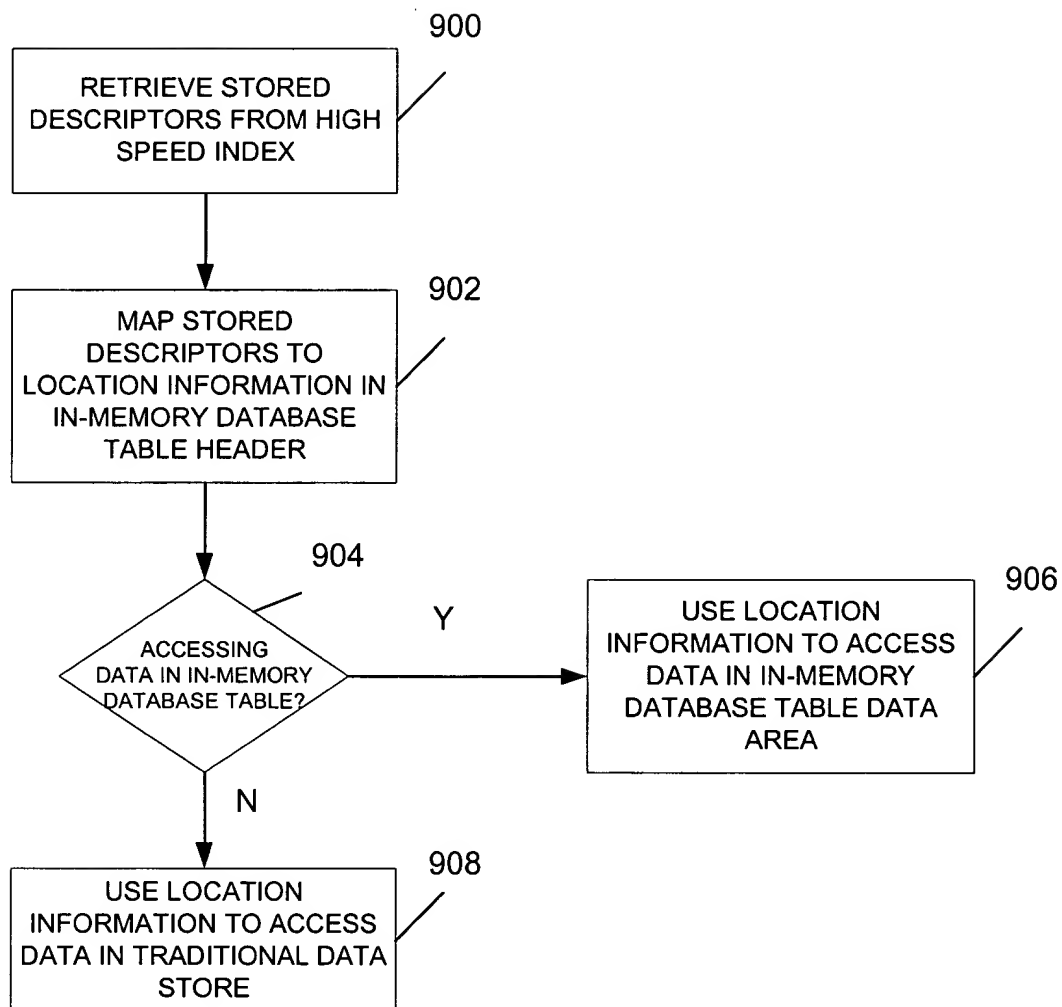


FIG. 9

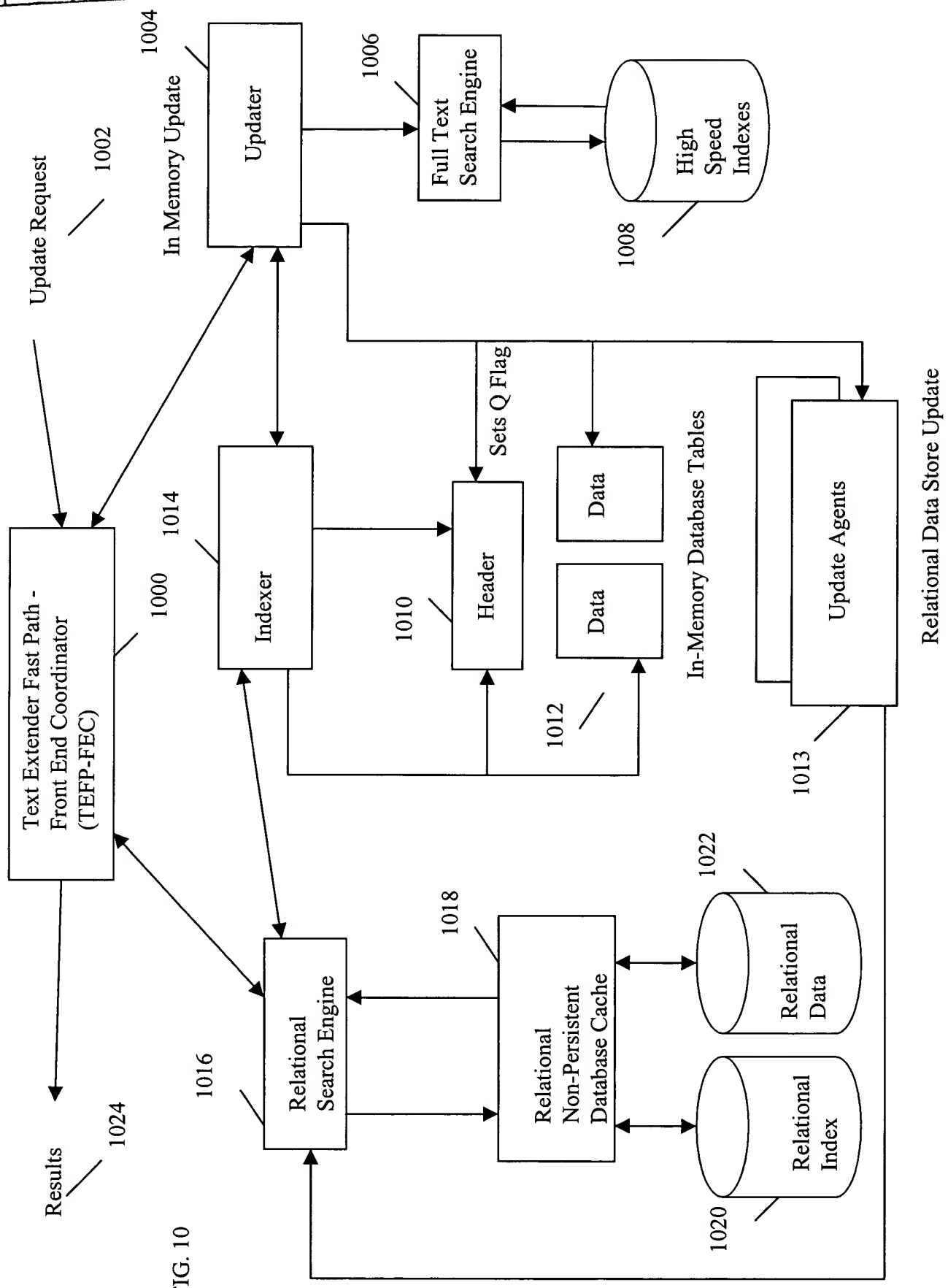


FIG. 10

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | O.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

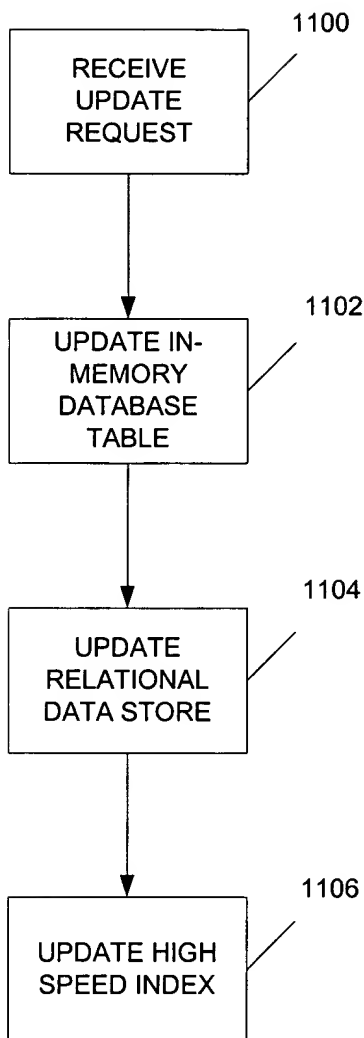


FIG. 11